

120403

0519 U.S. PTO

**UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.
69,010-0331

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTSMail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

MARS UNIT LAMP DRIVER

and invented by:

MARTIN D. PIERSONIf a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 12 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications (if applicable) 60/430,893
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. ☒ Background of the Invention
 - f. ☐ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (if filed)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☐ Abstract of the Disclosure

17302 U.S. PTO
10/729089

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Docket No.
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Total Pages in this Submission

Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☐ Formal Number of Sheets _____
- b. ☒ Informal Number of Sheets 2
4. ☐ Oath or Declaration
- a. ☐ Newly executed (original or copy) ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☐ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail (Specify Label No.): EU936172700US

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(Large Entity)**

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Docket No.
69,010-0331

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Accompanying Application Parts (Continued)

17. ☐ Additional Enclosures *(please identify below):*

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
69,010-0331

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Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	25	- 20 =	5	x \$18.00	108.00 \$90.00
Indep. Claims	1	- 3 =	0	x \$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$770.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					878.00 \$860.00

- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **04-2223** as described below.
- ☒ Charge the amount of ~~\$860.00~~ ^{878.00} as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).


Lisa K. Mack


Signature

Dated:

LISA K. MACK
DYKEMA GOSSETT PLLC
39577 WOODWARD AVENUE, SUITE 300
BLOOMFIELD HILLS, MI 48304
248 203 0874

cc:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): MARTIN D. PIERSON			Docket No. 69,010-0331
Serial No. UNASSIGNED	Filing Date DECEMBER 4, 2003	Examiner UNASSIGNED	Group Art Unit UNASSIGNED
Invention: MARS UNIT LAMP DRIVER			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;">UTILITY PATENT APPLICATION TRANSMITTAL (LARGE ENTITY)</div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u>DECEMBER 4, 2003</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>LISA K. MACK</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p><u></u> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EU936172700US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>			
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Invention: MARS UNIT LAMP DRIVER			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;">PATENT APPLICATION WITH <u>12</u> SHEETS SPECIFICATION, <u>4</u> SHEETS CLAIMS.</div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u>DECEMBER 4, 2003</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><u>LISA K. MACK</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i>  <i>(Signature of Person Mailing Correspondence)</i> <u>EU936172700US</u> <i>("Express Mail" Mailing Label Number)</i></div>			
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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **MARTIN D. PIERSON**

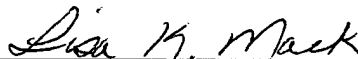
Docket No.

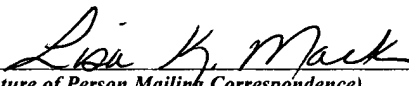
69,010-0331Serial No.
UNASSIGNEDFiling Date
DECEMBER 4, 2003Examiner
UNASSIGNEDGroup Art Unit
UNASSIGNEDInvention: **MARS UNIT LAMP DRIVER**

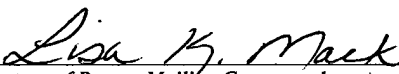
I hereby certify that the following correspondence:

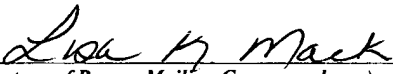
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DECEMBER 4, 2003*(Date)***LISA K. MACK***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EU936172700US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): MARTIN D. PIERSON			Docket No. 69,010-0331
Serial No. UNASSIGNED	Filing Date DECEMBER 4, 2003	Examiner UNASSIGNED	Group Art Unit UNASSIGNED
Invention: MARS UNIT LAMP DRIVER			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; min-height: 40px;">INFORMATION DISCLOSURE CITATION WITH ONE REFERENCE</div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u>DECEMBER 4, 2003</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>LISA K. MACK</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p><u></u> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EU936172700US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>			
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Serial No. UNASSIGNED	Filing Date DECEMBER 4, 2003	Examiner UNASSIGNED	Group Art Unit UNASSIGNED
Invention: MARS UNIT LAMP DRIVER			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; text-align: center;">TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u>DECEMBER 4, 2003</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>LISA K. MACK</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p><u></u> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EU936172700US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>			
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Serial No. UNASSIGNED	Filing Date DECEMBER 4, 2003	Examiner UNASSIGNED	Group Art Unit UNASSIGNED
Invention: MARS UNIT LAMP DRIVER			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; min-height: 50px;">PRELIMINARY AMENDMENT</div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u>DECEMBER 4, 2003</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>LISA K. MACK</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p><u></u> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EU936172700US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>			
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Detailed Explanation Of Drawing Changes

Applicant currently adds new figures Fig. 4, Fig. 5 and Fig 6.

By this preliminary amendment, page 6 of the application is amended to provide:
“According to the previous teachings, the lamp driver 100 generates sequential, and, in some cases, slightly overlapping, signals to each of the lights 40 through the connector 50 such that the fiber optic conductors 42 output light that mimics the appearance of one lamp moving in a figure-eight pattern. According to one embodiment shown by the sequence in Fig. 4, Fig.5 and Fig. 6, groups of 2, 3 or more lights could be activated at a time. The next group of lights to be activated could be adjacent to the first group to be activated, or could overlap the first group.”

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